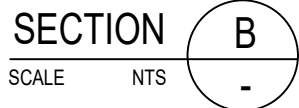
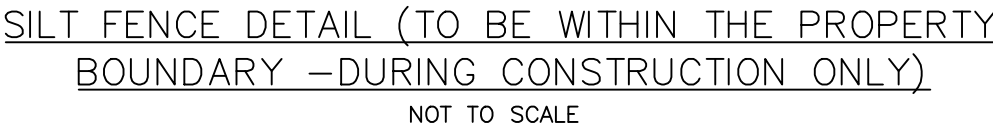


SCALE:- 1:100 @ A1



RAINWATER TANK NOTES:

CAPACITY:
RAINWATER TANKS HAVE A CAPACITY AS MARKED IN THE PLAN.

RAINWATER CONNECTION:
TANKS WATER WILL BE PLUMBED TO ALL OUTDOOR WATERING, TOILETS AND LAUNDRY AS PER BASIC REQUIREMENTS.

FIRST FLUSH:
"FIRST FLUSH" DEVICE WILL BE FITTED TO REMOVE SURFACE CONTAMINATION.

NON DRINKING:
TANKS WATER WILL NOT BE CONNECTED TO DRINKING OR BATHING WATER OUTLETS.

FULLY ENCLOSED:
TANKS WILL BE FULLY ENCLOSED AND SEALED TO PREVENT ACCESS BY MOSQUITOES.

NON REFLECTIVE FINISH:
TANKS SURFACES WILL HAVE NON REFLECTIVE FINISH.

WARNING LABELS:
A LABEL WILL BE AFFIXED TO THE TANKS WARNING THAT WATER IS NOT TO BE CONSUMED AND RAINWATER SIGNAGE WILL BE PLACED ABOVE ALL TANKS WATER OUTLETS.

ROOFING MATERIALS:
THE ROOF SURFACE FROM WHICH RAINWATER IS BEING DRAINED WILL NOT CONTAIN LEAD,TAR,ASBESTOS OR PAINTS

BASE:
TANKS WILL BE BUILT ON A SELF SUPPORTING BASE (ABOVE GROUND TANKS ONLY)

WATER PRESSURE:
TANKS WILL BE FITTED WITH SMALL MOTORIZED PUMP TO PROVIDE ACCEPTABLE WATER PRESSURE.

PUMP NOISE:
PUMP WILL BE DESIGNED AND LOCATED NOT TO CAUSE A NOISE DISTURBANCE TO NEIGHBOURS (GENERALLY NOT 5 dBA ABOVE BACKGROUND NOISE)

INSTALLATION:
WILL BE INSTALLED BY A LICENSED PLUMBER IN ACCORDANCE WITH SYDNEY WATER REQUIREMENTS AND THE "NSW CODE OF PRACTICE-PLUMBING AND DRAINAGE"

BACK FLOW PREVENTION:
A BACK FLOW PREVENTION DEVICE WILL BE PROVIDED AT THE MAINS WATER METER

DUAL SUPPLY:
A TRICKLE TOP-UP SYSTEM WILL BE PROVIDED AT THE MAINS WATER.

BACK UP SUPPLY:
A BACK UP SUPPLY OF MAINS WATER WILL BE PROVIDED IN EVENT OF FAILURE OR MAINTENANCE.

ANAEROBIC ZONE:
WATER WILL BE DRAWN FROM ABOVE THE ANAEROBIC ZONE OF TANKS.

TANKS CONSTRUCTION:
TANKS WILL BE STRUCTURALLY SOUND AND CONSTRUCTED IN ACCORDANCE WITH AS/NZ3500.1.2-1998: NATIONAL PLUMBING AND DRAINAGE-WATER SUPPLY-ACCEPTABLE SOLUTIONS.

AIR GAP:
TANKS WILL BE PROVIDED WITH AN AIR GAP IN ACCORDANCE WITH AS/NZ 3500.1.2 AND AS2845.2


ON GOING MAINTENANCE:
TANKS WILL BE WELL KEPT AND MAINTAINED BY THE OWNER.


NOTES:

- ALL WORKS TO BE CONSTRUCTED TO THE REQUIREMENTS AND SATISFACTION OF THE NORTHERN BEACHES COUNCIL DCP.
THE CONTRACTOR SHALL LOCATE AND RELOCATE AS NECESSARY ALL SERVICES ON SITE.
THE ENGINEER IS TO VERIFY ALL LEVELS ON THE SITE PRIOR TO COMMENCING CONSTRUCTION.
THE FENCE IS TO BE ERECTED PRIOR TO COMMENCING WORK. FENCE TO BE MAINTAINED IN WORKING ORDER DURING THE TIME OF CONSTRUCTION.
WALLS DRAWING BY A REGISTERED SURVEYOR IS REQUIRED PRIOR TO CERTIFICATION OF DRAINAGE.
U.N.O. ALL DOWN PIPES ARE TO BE 100A.
U.N.O. ALL PIPES TO BE 100A WITH 1% MIN SLOPE.
ALL THE RETAINING WALLS TO STRUCTURAL ENGINEERS DETAIL AND SHOULD BE WITHIN THE TOLERANCES.
ALL DOWN PIPES FROM THE ROOF GUTTER TO RAINWATER TANK SHALL BE CHARGED U.N.O. THE SOLVENT N.E.W.
PROVIDE OSD SIGN ON THE RAINWATER TANK AND OSD TANK

LEGEND


DRAINAGE LINE - - - - -
 AG. LINE — a — a
 SILT FENCE — X —
 EXISTING LEVEL x DESIGN LEVEL










SILT BARRIER AROUND PIT 

CLEANING EYE 
(OR INSPECTION EYE)

SURFACE LEVEL SL 45.50

INVERT LEVEL IL 45.00

REMOVED TREE 

SURFACE INLET PIT	
JUNCTION PIT	
DOWN PIPE	• 
SPREADER PIPE	 SP
PLANTER GRATE	 PG
FLOOR GRATE	 FG
DROPPER	 DR
STEP IN THE RETAINING WALL	
FLUSHING POINT	• 

CAUTION:

ALL THE LEVELS AND DIMENSIONS ARE CRITICAL. PLEASE FOLLOW THE SW PLAN FOR CONSTRUCTION TO AVOID FINAL CERTIFICATION DELAY. IF YOU SEE SOMETHING NOT CORRECT OR NOT SUITED FOR SITE PLEASE CONTACT THE STORMWATER ENGINEER FOR CLARIFICATION AND FURTHER DIRECTIONS.

NOTE:

THE SURFACE INLET PITS SHALL BE HEAVY DUTY PLASTIC PITS IF IT IS LESS THAN 400mm DEEP.

NOTE:

PRIOR TO CONSTRUCTION THE BUILDER IS TO COORDINATE ALL THE PLANS (ARCHITECTURE PLAN, LANDSCAPE PLAN, STRUCTURAL ENGINEER'S PLAN AND THE STORMWATER PLAN) TO MAKE SURE ALL THE DESIGN LEVELS, DOWNPIPE LOCATIONS AND THE FLOOR LEVELS ARE SAME IN ALL THE PLANS.

NOTE:


THE PIT SURFACE LEVELS AND THE TOP OF RETAINING WALLS
SHALL BE RE-CONFIRMED AT SITE

NOTE:

CLEAN OUT LINES FROM THE CHARGED LINES TO BE CONNECTED
TO THE NEAREST PITS WITH END CAP AT THE PIT END

NOTE:

PROVIDE FLOOR GRATES (100Ø) FOR THE FIRST FLOOR BALCONIES
(DO NOT CONNECT TO THE RAINWATER TANK)

			DESIGN BY:	VNK CONSULTING PTY LTD PO BOX 9118 Harris Park NSW 2150 Mobile: 0401 132 386 Email: VNKCONSULTING@GMAIL.COM	Drawing Title:		DESIGNED	NL	Project: PROPOSED DWELLING LOT 104, 93A PARKES ROAD COLLAROY PLATEAU NSW 2097	Ref No. 160922-01
C	02.11.2022	RE-ISSUED FOR DA APPROVAL	BAN		STORMWATER DRAINAGE LAYOUT PLAN		DRAWN	BAN		Issue: C
B	20.10.2022	RE-ISSUED FOR DA APPROVAL	BAN	PRINCIPAL ENGINEER: LOGAN N LOGESWARAN			DATUM	AHD		SHEET 1 of 1
A	16.09.2022	ISSUED FOR DA APPROVAL	BAN	QUALIFICATIONS: BscEng, MEng, MEngStud, MASCE, MIEAust, CPeng, NER			DATE	16.09.2022		
Issue	Date	Description	BY							